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NEW RECORDS OF *OLIGOTA* MANNERHEIM
(STAPHYLINIDAE) IN FLORIDA

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I am aware of only 1 published record of the occurrence of the genus *Oligota* in Florida; Notman (1920) recorded examples of *O. parva* Kr., collected at Enterprise (Volusia Co.), in the American Museum of Natural History.

Based on my examination of additional material, *O. parva* is not the only *Oligota* species present in Florida. *O. chrysopyga* Kr., *O. zonata* Brg.,

and *O. testaceorufa* Bernh. are recorded as new not only for Florida, but also for the United States. Examples of these species may be identified by means of the key given by Frank (1972).

Records are as follows, all examples in my collection except where stated.

O. chrysopyga: Florida, Indian River Co., Vero Beach, 18-XII-1973, Berlese funnel extract of chicken guano, J. H. Frank and W. G. Guthrie (4 males, 5 females).

O. zonata: Florida, Indian River Co., ca. 4 mi. South of Vero Beach, 13-III-1973, Berlese funnel extract of old pack rat (*Neotoma floridana* Ord) nest, J. H. Frank (1 male).

O. testaceorufa: Florida, (Brevard Co.), Lake Poinsett, 1-V, Hubbard and Schwarz (7), (Flagler Co.), Haw Creek, 11-VI, Hubbard and Schwarz (9, including at least 2 males), (Volusia Co.), New Smyrna, VI, Hubbard and Schwarz (1) (all 17 in United States National Museum).

O. parva: Florida, Indian River Co., Vero Beach, 18-XII-1973, Berlese funnel extract of chicken guano, J. H. Frank and W. G. Guthrie (11 males, 7 females), 5-XII-1974, Berlese funnel extract of chicken guano, J. H. Frank, (12 males, 11 females).

Three of the female *O. chrysopyga* were crudely dissected in order to discover whether a sclerotized spermatheca is present, the shape of which might be used as an additional taxonomic character; if a spermatheca is present it is a soft, unsclerotized structure. Williams (1970) reported that female *O. parva* do not have a sclerotized spermatheca; this was confirmed. The condition of the labium of a male and of a female *O. chrysopyga* was examined (thus destroying the examples) to reveal that this has 2 minute lobules characteristic of the subgenus *Oligota* s. str. Thus *O. chrysopyga* and probably *O. cadaverina* Brg. (whose aedeagus appears very similar) should be repositioned in the arrangement given by Frank (1972) so as to lie after *O. parva* and not before *O. hypocyptina* Bernh. S. A. Williams (in litt.) has also pointed out to me that *O. chrysopyga* belongs to *Oligota* s. str. and not to *Holobus*.

Both the pack rat nest and the chicken guano contained very large numbers of mites (Acari); this is of interest because several species of *Oligota* are recorded by Frank (1972) to prey on mites. I infer from Schwarz (1878) that the examples of *O. testaceorufa* were collected in 1875 or 1876.

I am indebted to T. L. Erwin for arranging the loan to me of the examples of *O. testaceorufa*.

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